

Converting Colors

YIQ(157.9710, 59.6970, -8.1030)

Have a look what the booklet for
YIQ(157.9710, 59.6970, -8.1030)
contains.

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Color

**YIQ(157.9710, 59.6970,
-8.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	D2934E
RGB	210, 147, 78
RGB Percent	82%, 58%, 31%
CMY	0.1764, 0.4236, 0.6938
CMYK	0.00, 0.30, 0.63, 0.18
HSL	31°, 59%, 56%
HSV	31°, 63%, 82%
XYZ	38.3935, 35.1159, 11.9761
YIQ	157.9710, 59.6970, -8.1030

Conversions

Conversions Part 2

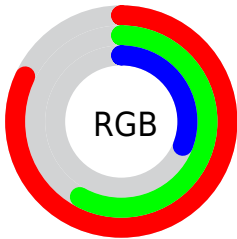
Format	Color
R_{YB}	199, 210, 78
Decimal	13800270
CIE Lab	65.84, 16.86, 45.28
CIE LCh	66, 48.312, 69.580
Yxy	35.1159, 0.4491, 0.4108
Android (android.graphics.Color)	4291990350 (0xFFD2934E)
YUV	157.9710, -39.4257, 45.6294
Hunter-Lab	59.2587, 11.9468, 29.4986

Details

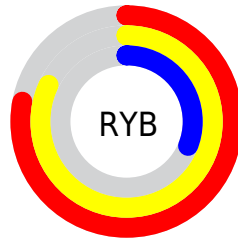
The YIQ color **157.9710, 59.6970, -8.1030** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **130.0290, -59.6970, 8.1030**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9380, 55.2960, -10.9440**, and **104.9920, 55.2040, -9.2760** is the 20% darker color. If you saturate the color by 10%, you get **149.7070, 69.1880, -9.4040**, and if you desaturate by 10%, it is **166.2350, 50.2060, -6.8020**.

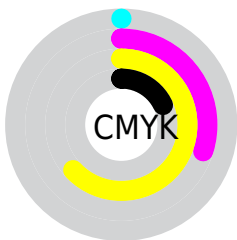
Distribution



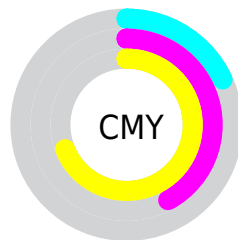
- Red (82%)
- Green (58%)
- Blue (31%)



- Red (78%)
- Yellow (82%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (63%)
- Black (18%)





- Cyan (18%)
- Magenta (42%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.9710, 59.6970, -8.1030 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 157.9710, 59.6970, -8.1030 by changing the saturation by 10% instead.


 157.9710, 59.6970,
-8.1030


 157.9710, 59.6970,
-8.1030


255.0000, -0.0000,
-0.0000


 131.1880, 57.5880,
-8.4280


 208.9380, 55.2960,
-10.9440


 104.9920, 55.2040,
-9.2760


 228.4520, 38.9290,
-17.1910


 79.0410, 53.5080,
-11.5800


 246.7920, 23.1120,
-22.3920

 58.0540, 43.4660,
-5.7980

 249.9840, 14.1240,
-13.6840

 36.7680, 32.8280,
-0.2280

 253.2900, 4.8150,
-4.6650

 16.9660, 23.7030,
5.4550

 0.0000, 0.0000,

0.0000

■ 157.9710, 59.6970,
-8.1030

■ 157.9710, 59.6970,
-8.1030

■ 149.7070, 69.1880,
-9.4040

■ 166.2350, 50.2060,
-6.8020

■ 141.4430, 78.6790,
-10.7050

■ 174.4990, 40.7150,
-5.5010

■ 133.1790, 88.1700,
-12.0060

■ 182.7630, 31.2240,
-4.2000

■ 127.3600, 94.9100,
-13.0100

■ 191.0270, 21.7330,
-2.8990

■ 199.2910, 12.2420,
-1.5980

■ 207.5550, 2.7510,
-0.2970

■ 215.8190, -6.7400,
1.0040

■ 224.0830,
-16.2310, 2.3050

■ 230.9790,
-21.8700, -0.1260

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159.9470, 69.4130, 14.0610



157.9710, 59.6970, -8.1030



154.6160, 35.1710, -26.1810

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



157.9710, 59.6970, -8.1030



126.5560, -105.5830, -41.3830



164.2370, -3.7200, 34.3920

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



157.9710, 59.6970, -8.1030



130.0290, -59.6970, 8.1030

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



155.3380, -55.8930, 16.2590



157.9710, 59.6970, -8.1030



130.0560, -118.1940, -27.5860

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



157.9710, 59.6970, -8.1030



138.4910, -54.2320, -41.4000



129.0250, -124.9360, -15.5280



163.8860, 36.9930, 39.9450

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157.9710, 59.6970, -8.1030



151.5960, 11.5600, -33.3040



129.0250, -124.9360, -15.5280



162.6910, -19.8580, 29.5020

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



157.9710, 59.6970, -8.1030



236.0270, 21.7330, -2.8990



124.7640, 58.1280, 47.8880



115.7750, 13.7550, -1.4850



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.9710, 59.6970, -8.1030



179.8090, 86.3360, -11.8080



194.3540, 41.1800, -41.4760



100.8110, 4.9060, -0.8060



101.8880, 75.9280, -10.4080



24.5860, 18.6610, -2.2910

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



130.0290, -59.6970, 8.1030



139.1910, -86.3360, 11.8080



93.6460, -41.1800, 41.4760



98.1890, -4.9060, 0.8060



66.1120, -75.9280, 10.4080



15.8270, -18.3860, 2.8140

Previews

White Background



This preview shows how the YIQ color 157.9710, 59.6970, -8.1030 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 157.9710, 59.6970, -8.1030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

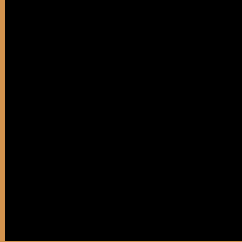
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 157.9710, 59.6970, -8.1030

Background



This preview shows how black text looks on a background with the YIQ color 157.9710, 59.6970, -8.1030.



This preview shows how white text looks on a background with the YIQ color 157.9710, 59.6970, -8.1030.

-8.1030.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

157.9710, 59.6970, -8.1030

Protanopia

156.1910, 35.1700, -20.6540

Deuteranopia

157.7910, 51.2160, -14.0960



Tritanopia

162.8640, 42.0860, 19.2220

Trichromacy



Original Color

157.9710, 59.6970, -8.1030

Protanomaly

156.7300, 44.0180, -15.8060

Deuteranomaly

157.8130, 54.1500, -12.2020

Tritanomaly

161.0630, 48.4150, 9.1430

Monochromacy



Original Color

157.9710, 59.6970, -8.1030

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

158.0270, 21.7330, -2.8990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.9710, 59.6970, -8.1030 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 147, 78)` looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 78)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 147, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 78) }
```

Border

The CSS property to change the border of an element to YIQ 157.9710, 59.6970, -8.1030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 147, 78) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 147, 78) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 147, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 78);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 157.9710, 59.6970, -8.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 78) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
147, 78) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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